

Simon Young

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

4,196
citations

257450

24
h-index

168389

53
g-index

66
all docs

66
docs citations

66
times ranked

6581
citing authors

#	ARTICLE	IF	CITATIONS
1	Gelatin as a delivery vehicle for the controlled release of bioactive molecules. <i>Journal of Controlled Release</i> , 2005, 109, 256-274.	9.9	928
2	Dual delivery of an angiogenic and an osteogenic growth factor for bone regeneration in a critical size defect model. <i>Bone</i> , 2008, 43, 931-940.	2.9	514
3	Evaluation of bone regeneration using the rat critical size calvarial defect. <i>Nature Protocols</i> , 2012, 7, 1918-1929.	12.0	485
4	Injectable Biomaterials for Regenerating Complex Craniofacial Tissues. <i>Advanced Materials</i> , 2009, 21, 3368-3393.	21.0	270
5	Dose Effect of Dual Delivery of Vascular Endothelial Growth Factor and Bone Morphogenetic Protein-2 on Bone Regeneration in a Rat Critical-Size Defect Model. <i>Tissue Engineering - Part A</i> , 2009, 15, 2347-2362.	3.1	231
6	Repair of osteochondral defects with biodegradable hydrogel composites encapsulating marrow mesenchymal stem cells in a rabbit model. <i>Acta Biomaterialia</i> , 2010, 6, 39-47.	8.3	160
7	STINGel: Controlled release of a cyclic dinucleotide for enhanced cancer immunotherapy. <i>Biomaterials</i> , 2018, 163, 67-75.	11.4	158
8	Advances in immunotherapy delivery from implantable and injectable biomaterials. <i>Acta Biomaterialia</i> , 2019, 88, 15-31.	8.3	127
9	Mitigating SOX2-potentiated Immune Escape of Head and Neck Squamous Cell Carcinoma with a STING-inducing Nanosatellite Vaccine. <i>Clinical Cancer Research</i> , 2018, 24, 4242-4255.	7.0	114
10	Antibiotic-releasing porous polymethylmethacrylate constructs for osseous space maintenance and infection control. <i>Biomaterials</i> , 2010, 31, 4146-4156.	11.4	109
11	Substrate Stressâ€Relaxation Regulates Scaffold Remodeling and Bone Formation In Vivo. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601185.	7.6	104
12	HPV16 drives cancer immune escape via NLRX1-mediated degradation of STING. <i>Journal of Clinical Investigation</i> , 2020, 130, 1635-1652.	8.2	104
13	Influence of injection technique, drug formulation and tumor microenvironment on intratumoral immunotherapy delivery and efficacy. , 2021, 9, e001800.		59
14	Microcomputed Tomography Characterization of Neovascularization in Bone Tissue Engineering Applications. <i>Tissue Engineering - Part B: Reviews</i> , 2008, 14, 295-306.	4.8	58
15	Immune microenvironment modulation unmask therapeutic benefit of radiotherapy and checkpoint inhibition. , 2019, 7, 216.		56
16	Single-Molecule I2@US-Tube Nanocapsules: A New X-ray Contrast-Agent Design. <i>Advanced Materials</i> , 2007, 19, 573-576.	21.0	48
17	A composite critical-size rabbit mandibular defect for evaluation of craniofacial tissue regeneration. <i>Nature Protocols</i> , 2016, 11, 1989-2009.	12.0	48
18	The role of 3D printing in treating craniomaxillofacial congenital anomalies. <i>Birth Defects Research</i> , 2018, 110, 1055-1064.	1.5	40

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19	Development and characterization of a rabbit alveolar bone nonhealing defect model. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 86A, 182-194.	4.0	39
20	Evaluation of Soft Tissue Coverage over Porous Polymethylmethacrylate Space Maintainers Within Nonhealing Alveolar Bone Defects. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 1427-1438.	2.1	39
21	Evaluation of bone regeneration by DNA release from composites of oligo(poly(ethylene glycol)) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Biomedical Materials Research - Part A</i> , 2006, 78A, 335-342.	4.0	38
22	Solid lipid templating of macroporous tissue engineering scaffolds. <i>Biomaterials</i> , 2007, 28, 3497-3507.	11.4	32
23	Bone Tissue Engineering Challenges in Oral & Maxillofacial Surgery. <i>Advances in Experimental Medicine and Biology</i> , 2015, 881, 57-78.	1.6	30
24	Current Methods of Maxillofacial Tissue Engineering. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2019, 31, 579-591.	1.0	30
25	Immediate Transoral Allogeneic Bone Grafting for Large Mandibular Defects. Less Morbidity, More Bone. A Paradigm in Benign Tumor Mandibular Reconstruction?. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017, 75, 828-838.	1.2	28
26	Three-Dimensional Printing for Craniofacial Bone Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2020, 26, 1303-1311.	3.1	28
27	Biomaterial-Facilitated Immunotherapy for Established Oral Cancers. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 415-421.	5.2	27
28	Surface Characteristics of Biomaterials Used for Space Maintenance in a Mandibular Defect: A Pilot Animal Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, 11-18.	1.2	26
29	<i>In situ</i> formation of porous space maintainers in a composite tissue defect. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 827-833.	4.0	22
30	A technique for the treatment of oral antral fistulas resulting from medication-related osteonecrosis of the maxilla: the combined buccal fat pad flap and radical sinusotomy. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 122, 287-291.	0.4	22
31	Anti-tumor immunity induced by ectopic expression of viral antigens is transient and limited by immune escape. <i>Oncolmmunology</i> , 2019, 8, e1568809.	4.6	22
32	Tissue Engineered Prevascularized Bone and Soft Tissue Flaps. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2017, 29, 63-73.	1.0	19
33	Is Reconstruction of Large Mandibular Defects Using Bioengineering Materials Effective?. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 661.e1-661.e29.	1.2	18
34	Drug-Mimicking Nanofibrous Peptide Hydrogel for Inhibition of Inducible Nitric Oxide Synthase. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6755-6765.	5.2	17
35	Local Anti-PD-1 Delivery Prevents Progression of Premalignant Lesions in a 4NQO-Oral Carcinogenesis Mouse Model. <i>Cancer Prevention Research</i> , 2021, 14, 767-778.	1.5	13
36	An Insight into Acute Pericoronitis and the Need for an Evidence-Based Standard of Care. <i>Dentistry Journal</i> , 2019, 7, 88.	2.3	12

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37	Use of Human Dental Pulp and Endothelial Cell Seeded Tyrosine-Derived Polycarbonate Scaffolds for Robust in vivo Alveolar Jaw Bone Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 796.	4.1	12
38	Building a Functional Salivary Gland for Cell-Based Therapy: More than Secretory Epithelial Acini. <i>Tissue Engineering - Part A</i> , 2020, 26, 1332-1348.	3.1	12
39	Silicon Oxynitrophosphide <scp>Nanoscale Coating</scp> Enhances Antioxidant Marker-Induced Angiogenesis During in vivo Cranial Bone-Defect Healing. <i>JBMR Plus</i> , 2021, 5, e10425.	2.7	12
40	Tissue response to composite hydrogels for vertical bone augmentation in the rat. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2079-2088.	4.0	9
41	Bioinspired electrospun decellularized extracellular matrix scaffolds promote muscle regeneration in a rat skeletal muscle defect model. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 1090-1100.	4.0	9
42	Development and Characterization of a Rabbit Model of Compromised Maxillofacial Wound Healing. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 160-167.	2.1	8
43	Brush swab as a noninvasive surrogate for tissue biopsies in epigenomic profiling of oral cancer. <i>Biomarker Research</i> , 2021, 9, 90.	6.8	7
44	COVID-Associated Avascular Necrosis of the Maxilla- A Rare, New Side Effect of COVID-19. <i>Journal of Oral and Maxillofacial Surgery</i> , 2022, 80, 1254-1259.	1.2	7
45	<i>Tissue Engineering in Oral and Maxillofacial Surgery.</i> , 2014, , 1487-1506.		6
46	Reconstruction of Temporal Hollowing Defect With Anterior-Lateral Thigh Free Flap Following Resection of Recurrent Ameloblastoma of the Infratemporal Fossa and Right Mandible (a Case Report). <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 1898.e1-1898.e9.	1.2	6
47	Development and validation of multiparametric MRI-based nomogram for predicting occult metastasis risk in early tongue squamous cell carcinoma. <i>BMC Cancer</i> , 2021, 21, 408.	2.6	6
48	Interfacial adhesion and surface bioactivity of anodized titanium modified with SiON and SiONP surface coatings. <i>Surfaces and Interfaces</i> , 2022, 28, 101645.	3.0	4
49	Oral squamous cell carcinoma outcome in adolescent/young adult: Systematic review and meta-analysis. <i>Head and Neck</i> , 2021, , .	2.0	4
50	<i>Tissue-engineered alloplastic scaffolds for reconstruction of alveolar defects.</i> , 2019, , 505-520.		3
51	Effect of Radiation on DCE-MRI Pharmacokinetic Parameters in a Rabbit Model of Compromised Maxillofacial Wound Healing: A Pilot Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 1034.e1-1034.e10.	1.2	3
52	<i>Materials-Based Cancer Immunotherapies.</i> , 2019, , 715-739.		2
53	<i>Tissue engineering in oral and maxillofacial surgery.</i> , 2020, , 1201-1220.		2
54	<i>Oral and Maxillofacial Surgery.</i> , 2007, , 1079-1094.		2

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55	Tissue Engineering Strategies for Craniomaxillofacial Surgery: Current Trends in 3D-Printed Bioactive Ceramic Scaffolds. Springer Series in Biomaterials Science and Engineering, 2022, , 55-74.	1.0	2
56	The Use of a Custom-Made Ethylene Vinyl Acetate Interim Obturator for Sub-Total and Total Maxillectomies. A Report of 4 Cases. Journal of Oral and Maxillofacial Surgery, 2016, 74, e83.	1.2	1
57	Development of Mesoporous Silica Rod-Based Immunotherapies for Head and Neck Squamous Cell Carcinoma. Journal of Oral and Maxillofacial Surgery, 2016, 74, e5.	1.2	1
58	Overcoming Resistance to Checkpoint Inhibitors through a Rationally-Designed Combinatorial Immunotherapy Approach. Journal of Oral and Maxillofacial Surgery, 2017, 75, e331-e332.	1.2	1
59	The Efficacy of Bioengineering (Stem Cells, Allogeneic Bone, and rhBMP-2) for Reconstruction of Large Mandibular Continuity Defects: A Retrospective Study of 24 Patients over a 3-Year Period. Journal of Oral and Maxillofacial Surgery, 2018, 76, e75.	1.2	1
60	Massive macroglossia, a rare side effect of COVID-19: clinical, histologic, and genomic findings in COVID-19-positive versus COVID-19-negative patients. Oral and Maxillofacial Surgery, 2022, , 1.	1.3	1
61	Poly(Propylene Fumarate) Scaffolds With Surface Porosity for Space Maintenance of Mandibular Defects. Journal of Oral and Maxillofacial Surgery, 2007, 65, 36.e1.	1.2	0
62	Poster Board Number: 36: Secondary Orbital Reconstruction Utilizing Patient-Specific Implants. Journal of Oral and Maxillofacial Surgery, 2010, 68, e81-e82.	1.2	0
63	The Incidence of COVID-19 Patients in Oral and Maxillofacial Surgery. Journal of Oral and Maxillofacial Surgery, 2022, 80, 525-529.	1.2	0
64	The Future of Bioengineering for Head and Neck Reconstruction: The Customized Free Flap. , 2019, , 269-278.		0
65	Abstract A08: Resolving STING-mediated tumor immune microenvironment shift at single-cell resolution. , 2020, , .		0